

National bank takes opportunity to upgrade energy efficiency of glazing

Film Type: **SolarZone exterior films**  
**Silver 20 Xtra**  
**Titan 20 Xtra**  
**Titan 50 Xtra**

Dealer: **Al-Sorag**



## Project Task

Bank Leumi is one of the largest and oldest banks in Israel, with branches located in nearly every town. As part of its environmental responsibility policy, Leumi has spearheaded a program integrating recycling, water saving, HVAC retrofits and smart lighting across the company.

At a local exhibition, the engineer leading the project learnt about the contribution of solar control window film to energy efficiency. Al-Sorag, Hanita's distributor and installation arm in Israel, offered to stage an experiment to prove the efficiency of SolarZone window film. The bank's engineering department suggested installing film at Gan Yavne, a branch which particularly suffered from overheating and excessive AC costs. Al-Sorag applied Silver 20 Xtra to the glass façade, and the bank closely logged energy consumption for a period of three months over the summer, to compare results with the energy figures for the same period of the previous year.

## Solution

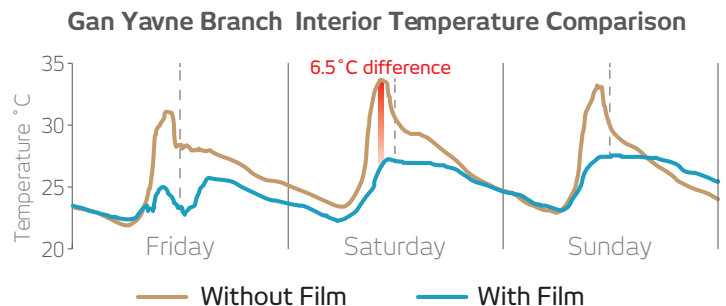
The extremely dark, single pane signature glazing used to brand most of Bank Leumi's branches meant that only an exterior film would prevent thermal crack, and ensure maximum efficiency. Al-Sorag recommended installing SolarZone Silver 20 Xtra, an exterior film delivering exceptional levels of heat and glare rejection of over 80%.



## Outcome

The comparative energy consumption figures showed a decrease in the order of 20% in HVAC energy consumption following the installation of the Silver Xtra film. Staff at the bank enthusiastically reported a real increase in levels of comfort, with less glare and more even interior temperatures.

The bank's engineering department recommended extending the high-efficiency window film project to other branches in an effort to reduce heat build-up and ease HVAC energy use, particularly at peak hours. Over the last few months, 22 additional branches of Bank Leumi have been enjoying the energy savings and increased comfort provided by Hanita's exterior films.



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